

## Levhorzn 803496

# Levhorzn RC Boat Battery User Manual

Model: 803496

## 1. INTRODUCTION

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Thank you for choosing the Levhorzn 11.1V 2500mAh Li-Po Battery. This rechargeable lithium-ion battery is designed for various remote control vehicles, including RC boats, cars, and planes. This manual provides essential information for the safe and effective use, maintenance, and storage of your battery.

## 2. PRODUCT OVERVIEW

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The Levhorzn RC battery is a high-performance power source featuring:

- **Voltage:** 11.1V
- **Capacity:** 2500mAh
- **Watt-hour Rating:** 27.75Wh
- **Battery Cell Composition:** Lithium Ion
- **Connector Type:** XT60 plug (yellow connector)
- **Balance Plug:** White JST-XH type (for balancing during charge)



Figure 2.1: Front view of the Levhorzn 11.1V 2500mAh Li-Po Battery, showing the XT60 power connector and the white balance plug.

## Large capacity lithium battery

### Extended battery life

**2500  
mAh**

Battery  
Capacity

**11.1  
V**

Battery  
Voltage

**27.75  
Wh**

Battery  
Energy

Figure 2.2: Illustration highlighting the key specifications of the battery: 2500mAh capacity, 11.1V voltage, and 27.75Wh energy rating.

### 3. SETUP AND INITIAL CHARGING

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Before first use, it is crucial to properly charge your battery. Always use a charger compatible with 11.1V Li-Po batteries and ensure it is designed for balancing Li-Po cells.

1. **Inspect the Battery:** Before charging, visually inspect the battery for any signs of damage, swelling, or leaks. Do not charge a damaged battery.
2. **Connect to Charger:** Connect the main XT60 power plug of the battery to the corresponding output on your Li-Po charger. Also, connect the white balance plug to the charger's balance port. This is essential for safe and balanced charging.
3. **Set Charger Parameters:** Set your charger to the correct voltage (11.1V or 3S Li-Po) and charging current (typically 1C, which for a 2500mAh battery is 2.5A). Refer to your charger's manual for specific instructions.
4. **Begin Charging:** Start the charging process. Monitor the battery during charging. Never leave a charging battery unattended.
5. **Full Charge:** The charger will indicate when the battery is fully charged. Disconnect the battery from the charger once charging is complete.

# RECHARGABLE BATTERY

**USB  
Charging  
cable**

**(NOT INCLUDE)**



battery plug

**11.1V 2500mAh  
lithium battery**

Figure 3.1: The battery connected to a USB charging cable (note: USB charging cable is typically not included and a dedicated Li-Po charger is recommended for optimal performance and safety).

## 4. OPERATING INSTRUCTIONS

This battery is designed for use with various RC vehicles that require an 11.1V Li-Po battery with an XT60 connector.

1. **Verify Compatibility:** Ensure your RC vehicle's plug type, voltage requirement (11.1V), and physical dimensions are compatible with this battery before attempting to connect.
2. **Connect Battery:** Carefully align the XT60 plug of the battery with the XT60 receptacle in your RC vehicle. Push firmly until it clicks into place. Ensure the connection is secure.
3. **Secure Battery:** Place the battery securely within the vehicle's battery compartment to prevent movement during operation.
4. **Operation:** Operate your RC vehicle as per its own instruction manual.
5. **Disconnection:** After use, disconnect the battery from the vehicle. Allow the battery to cool down before recharging or storing.

# Battery Connection

Easy to connect rc vehicles  
with XT60 plug

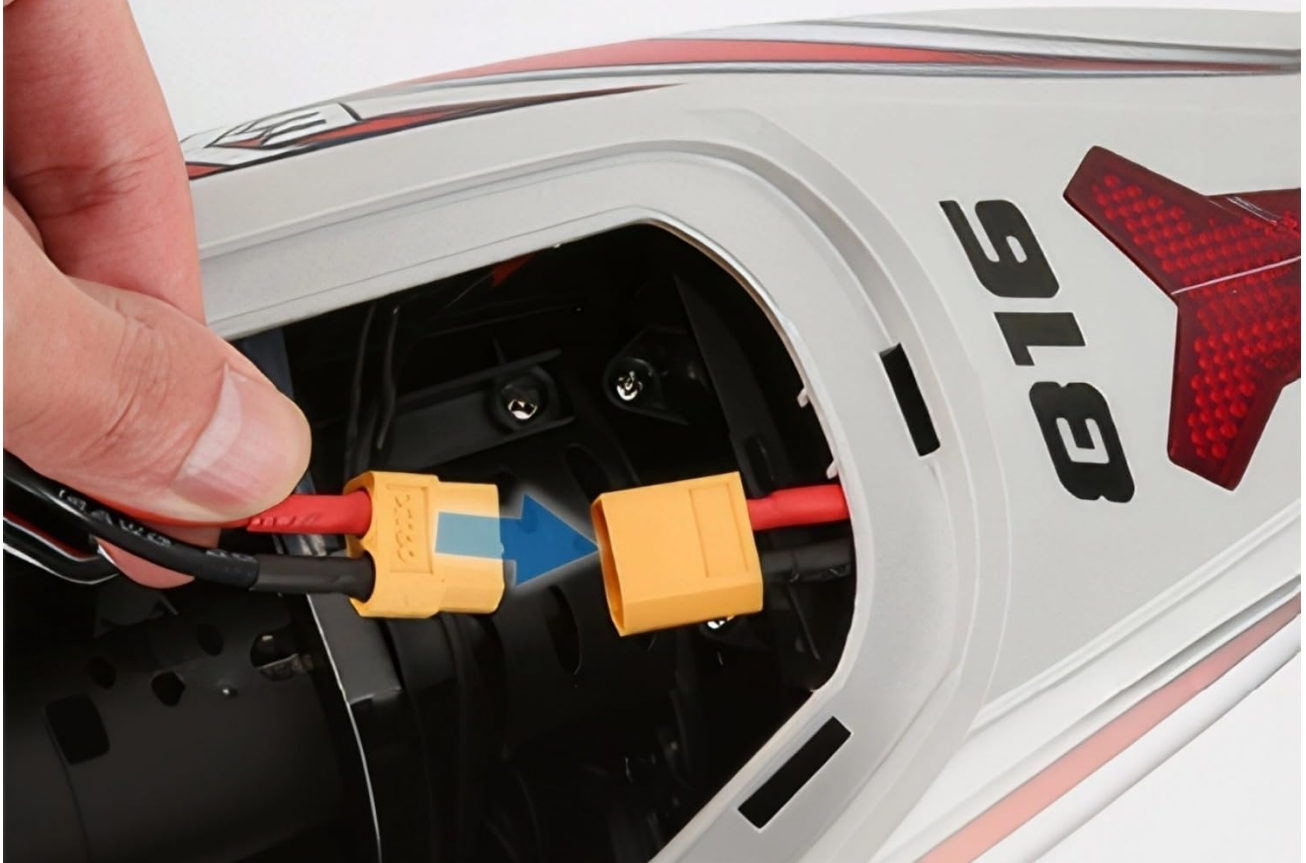


Figure 4.1: Demonstrating the connection of the XT60 battery plug to an RC boat, ensuring a secure fit.

# POWERFUL PERFORMANCE

Fits for most of rc vehicles like rc boats, rc cars, rc plane, etc.



NOTE: pls confirm the plug match, voltage and dimension before purchase.

Figure 4.2: The battery is suitable for a wide range of RC vehicles, including boats, cars, and planes, provided the plug, voltage, and dimensions match.

## 5. MAINTENANCE AND STORAGE

Proper maintenance and storage are crucial for extending the lifespan and ensuring the safety of your Li-Po battery.

- **Charging:** Always use a dedicated Li-Po charger. Do not overcharge or over-discharge the battery.
- **Storage:** For long-term storage, fully charge the battery before storing it. Store in a cool, dry place away from direct sunlight and extreme temperatures. A Li-Po safe bag is recommended.
- **Temperature:** Avoid exposing the battery to temperatures below 0°C (32°F) or above 60°C (140°F).
- **Physical Damage:** Protect the battery from physical impact, punctures, or crushing.
- **Cleaning:** If necessary, gently wipe the battery with a dry, soft cloth. Do not use liquids or solvents.

### **Important Notice from Battery Label:**

1. Please use the lithium battery configured by our company.
2. Please use the charger attached in the package to charge the lithium battery.

3. Please fully charging the battery before storing it if not use.

## 6. TROUBLESHOOTING

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Problem	Possible Cause	Solution
Battery not charging	Incorrect charger settings; Damaged charger or battery; Poor connection.	Verify charger settings (voltage, current); Check all connections; Inspect battery for damage. If damaged, discontinue use.
Short run time	Battery not fully charged; Battery degradation; High power draw from vehicle.	Ensure full charge; Consider battery replacement if old; Check vehicle's power consumption.
Battery swelling	Overcharging, over-discharging, or physical damage.	<b>Immediately discontinue use and safely dispose of the battery. Swelling indicates a dangerous condition.</b>

## 7. SPECIFICATIONS

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- **Model Number:** 803496
- **Voltage:** 11.1V
- **Capacity:** 2500mAh
- **Watt-hour Rating:** 27.75Wh
- **Battery Cell Composition:** Lithium Ion
- **Product Dimensions:** 4.37 x 1.38 x 0.94 inches (11.1 x 3.5 x 2.4 cm)
- **Item Weight:** 6.5 ounces (184 grams)
- **Manufacturer:** HONGXUNJIE
- **Recommended Uses:** Remote Control Vehicle (RC Boats, Cars, Planes)
- **Reusability:** Rechargeable

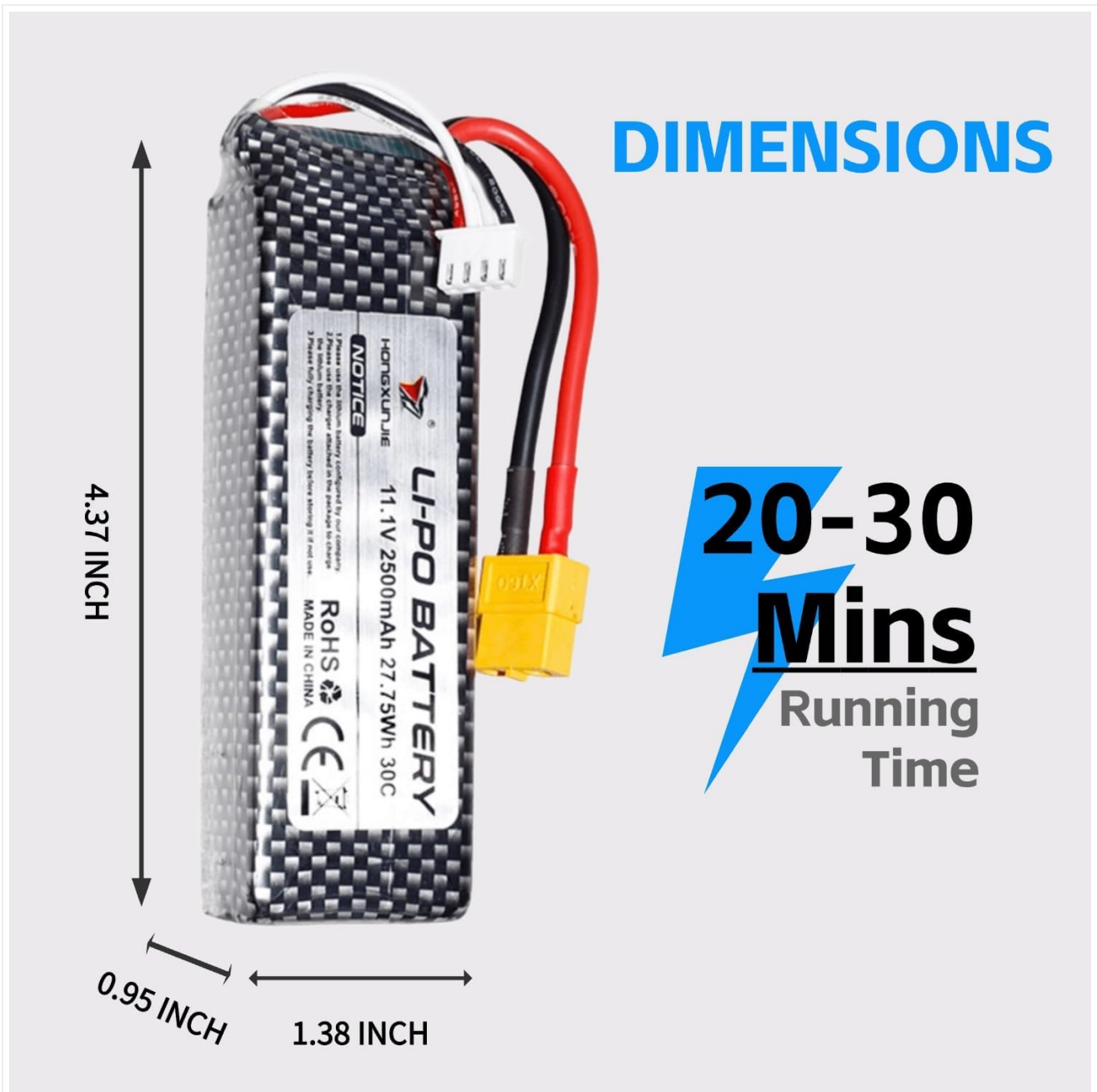


Figure 7.1: Detailed dimensions of the battery, crucial for ensuring fit in various RC models.

## 8. SAFETY INFORMATION AND WARNINGS

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Lithium Polymer (Li-Po) batteries are powerful and require careful handling. Failure to follow these safety guidelines can result in fire, personal injury, or property damage.

- **Charging Safety:**

- Always charge Li-Po batteries on a non-flammable surface, away from flammable materials.
- Never charge unattended.
- Use only a charger specifically designed for Li-Po batteries with balancing capabilities.
- Do not charge a swollen, punctured, or damaged battery.
- Do not overcharge. Disconnect immediately once fully charged.

- **Handling and Storage:**

- Do not short-circuit the battery terminals.
- Do not expose to extreme temperatures, direct sunlight, or moisture.

- Store in a fireproof container or Li-Po safe bag.
- Keep out of reach of children and pets.
- **Disposal:**
  - Do not dispose of Li-Po batteries in regular household trash.
  - Dispose of batteries at a local battery recycling center or according to local regulations.
  - Never incinerate Li-Po batteries.
- **In Case of Fire:** Use a Class D fire extinguisher or sand to extinguish a Li-Po battery fire. Water may exacerbate the fire.

## 9. WARRANTY AND SUPPORT

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For any questions, technical support, or warranty inquiries regarding your Levhorzn battery, please contact the manufacturer or your point of purchase. Please have your model number (803496) and purchase details ready when contacting support.

Manufacturer: HONGXUNJIE